



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael D. Boneau

Appl. No. 09/287,216

Filed: April 5, 1999

For: Endovascular Support Device and Method

Art Unit: 3738

Examiner: S. Jackson

Atty. Docket: P106 DIV 3 C

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

Box Fee Amendments
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Amendment is submitted in response to the Office Action dated May 5, 2000, having a shortened statutory period for response that expires on August 5, 2000. Please amend the above-captioned patent application as follows:

In the Claims:

Please cancel claim 2 and add the following new claims 4-33.

1. A balloon-expandable stent comprising:
a plurality of generally sinusoidally-shaped, plastically deformable rings capable of retaining a compressed configuration when mounted onto a balloon catheter and having a first diameter when mounted onto the balloon catheter;
each ring comprising substantially straight segments oriented generally parallel to a longitudinal axis of its ring in its first diameter;
each segment having a first end and a second end, with
a first end of a first segment connected to a first end of a second segment by a first turn;
a second end of the second segment connected to a second end of a third segment by a second turn;

\$338.00
8-8-00
#5/C

RECEIVED
AUG - 2 2000
TC 3600 MAIL ROOM

RECEIVED
AUG - 14 2000
TC 3100 MAIL ROOM

07/27/2000 VYANG1 00000001 012525 09287216
Sale Ref: 00000028 DAN: 012525 09287216
01 FC:103 180.00 CH
02 FC:102 156.00 CH

07/27/2000 VYANG1 00000028 012525 09287216
01 FC:103 180.00 CH
02 FC:102 156.00 CH

15

C